| Index | of Claims |
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| Application/Control No | ١. |
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10/607,007

BYUN ET AL.

Applicant(s)/Patent under Reexamination

Examiner

Art Unit

**Dung Nguyen** 

**2871** 

|   | <b>√</b> | Rejected |
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(Through numeral)
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| Cla       | im       | Date     |                |          |          |          |  |  | $\neg$ | Claim Date |          |          |          |               |          |          |          |          | 7                                      | Cl           | aim      | Date        |            |   |          |          |        |          |          |          |          |          |
|-----------|----------|----------|----------------|----------|----------|----------|--|--|--------|------------|----------|----------|----------|---------------|----------|----------|----------|----------|--|--------------|----------|-------------|------------|---|----------|----------|--------|----------|----------|----------|----------|----------|
|           |          |          |                |          |          |          |  | <del>  "</del>                                   |        |            |          |          |          |               |          |          |          | $\dashv$ | —————————————————————————————————————— |              |          | Т           | _          | Ť |          |          | П      | П        | $\dashv$ |          |          |          |
| Final     | Original | 6/25/07  |                |          |          |          |  |  | ·      |            | Final    | Original |          | 8             |          |          |          |          |  |              |          | Final       | Original   |   |          |          |        |          |          |          |          |          |
|           | 1        | N        | H              | T        |          | П        | $\vdash$   |  |        | ᅱ          |          | 51       | П        |               |          | ヿ        | $\neg$   | 寸        | ┪                                      | 丁            | 7        |             | 101        | П |          | ᅵ        |        |          |          | ヿ        | $\neg$   |          |
|           | 2        | N        | П              | _        |          |          | $\vdash$   |  | П      |            |          | 52       | П        |               |          |          |          | コ        | $\neg$                                 | 丁            | ╗        |             | 102        |   |          | コ        |        |          |          | $\neg$   |          |          |
|           | 3.       | N        | <u> </u>       | T        | ᄀ        | П        | $\vdash$   |  | П      |            |          | 53       | П        |               |          |          | コ        | T        | $\neg$                                 | 寸            | 7        |             | 103        |   |          |          |        |          | $\Box$   | ヿ        |          | $\neg$   |
|           | 4        | N        | П              | T        | ╗        | П        |  |  |        |            |          | 54       | $\Box$   |               |          | ╛        | ヿ        | 寸        |  | $\neg$       | 7        |             | 104        |   |          |          |        |          |          | ヿ        |          | $\neg$   |
|           | 5        | N        |                |          |          |          |  |  |        |            |          | 55       |          |               |          | コ        | ヿ        | 寸        |  |              | $\neg$   |             | 105        |   |          |          |        |          |          |          |          |          |
| $\Box$    | 6        | N        | П              |          |          |          |  |  | П      |            |          | 56       |          |               | Î        | 一        | T        | T        |  |              | 7        |             | 106        |   |          | $\neg$   |        |          |          |          |          |          |
|           | 7        | N        | П              |          | П        |          |  |  |        |            |          | 57       |          |               |          |          |          |          |  | Т            | 7        |             | 107        |   |          |          |        |          |          |          |          |          |
|           | 8        | N        |                |          |          |          |  |  |        |            |          | 58       |          |               |          |          |          |          |  |              |          |             | 108        |   |          |          |        |          |          |          |          |          |
|           | 9        | ٧        |                |          |          |          |  |  |        |            |          | 59       |          |               |          |          |          |          |  |              |          |             | 109        |   |          |          |        |          |          |          |          |          |
|           | 10       | ٧        |                |          |          |          |  |  |        |            |          | 60       |          |               |          |          |          |          |  |              |          |             | 110        |   |          |          |        |          |          |          |          |          |
|           | 11       | ٧        |                |          |          |          |  |  |        |            |          | 61       |          |               |          |          |          |          |  |              | _]       |             | 111        |   |          |          |        |          |          |          |          |          |
|           | 12       | v        | Ш              | $\Box$   |          |          |  |  |        |            |          | 62       |          |               |          | ]        |          |          |  | $\perp$      | _        |             | 112        | Ш | Ш        | [        |        |          |          |          |          |          |
|           | 13       |          | Ш              | _        | _]       | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |  | Ш      | _          |          | 63       | Ш        |               | Ц        | _        | _]       | $\Box$   |  | $\perp$      | _        |             | 113        | Щ | $\Box$   |          |        |          | Ц        | [        | _]       |          |
|           | 14       | v        | $\square$      | _        | _        | Ш        | $\Box$   |  | Ш      | _          |          | 64       | Ш        |               |          | _        | _        | _        | _                                      | _            | _        |             | 114        |   | Ц        | _        |        |          | $\Box$   | _        | _        |          |
|           | 15       | N        | Ш              | _        | $\Box$   | Ш        | <u> </u>   |  | Щ      | _          |          | 65       | Ц        |               | $\Box$   | _        | _        | $\dashv$ | _                                      | $\downarrow$ | 4        |             | 115        | Ш | Ц        | _        | _      | Ш        | Ŀ        | $\dashv$ | _        | _        |
| $\square$ | 16       | N        | Ш              | _        | _        | Ш        | Щ  | <u> </u>   | Щ      | $\dashv$   |          | 66       | Щ        | Щ             | $\sqcup$ | _        | _        | $\dashv$ | _                                      | $\dashv$     | _        | <u></u>     | 116        | Ш | $\sqcup$ | _        | _      | Щ        |          | _        | _        | _        |
| $\vdash$  | 17       | N        | Ш              | _        | _        | Ш        | _  | <u> </u>   | Ш      | $\dashv$   | -        | 67       | Н        |               | $\dashv$ | _        | _        | 4        | _                                      | $\dashv$     | 4        | <u> </u>    | 117        | Ц | Ц        | _        | _      | Щ        |          | _        | _        |          |
| $\perp$   | 18       | N        | Ш              | _        | _        | Ш        |  | _  | Ш      | _          | <u> </u> | 68       | Щ        |               |          | _        | _        | 4        | _                                      | 4            | 4        |             | 118        | Щ | Ц        | _        | _      |          | _        | _        | _        |          |
| Ш         | 19       | N        | Ш              | _        | _        | Ш        | L  | <u> </u>   | Ш      | _          |          | 69       | Щ        | _             | _        | _        | _        | 4        | _                                      | 4            | _        |             | 119        |   | 4        | _        | _      |          |          | _        | _        | _        |
|           | 20       | N        | Ш              | _        | _        | Ш        | Ш  | _  |        | _          | <u> </u> | 70       | Щ        |               | _        | _        | _        | 4        | _                                      | _            | _        |             | 120        |   | $\Box$   | _        |        |          |          | _        | _        |          |
|           | 21       | N        | Щ              | 4        | _        | Ш        | L  | _  |        | $\dashv$   |          | 71       | Ш        |               | _        | 4        | _        | 4        | _                                      | 4            | 4        |             | 121        |   | $\perp$  | 4        |        |          |          | _        |          |          |
|           | 22       | ٧        | $\sqcup$       |          | _        | Н        | ļ  | _  | Ш      |            |          | 72       |          |               |          | _        |          | _        |  | 4            | _        |             | 122        | Ш | $\dashv$ | _        | _      |          |          | _        |          | _        |
| $\vdash$  | 23       | v        | Н              | _        |          | Ш        | L  | Ш  | Ш      | _          | _        | 73       | Ц        |               |          | _        |          | 4        | _                                      | 4            | 4        | -           | 123        | Ц | $\dashv$ | _        |        |          |          | _        |          | _        |
| <b></b>   | 24       | V        | Ш              | -        | _        | Н        | <u> </u>   | <u> </u>   | Ш      | _          | <u> </u> | 74       |          |               | _        |          |          |          | _                                      | 4            | _        |             | 124        | Ш | $\dashv$ | _        | _      |          | _        | _        |          | _        |
| $\vdash$  | 25       | V        | $\vdash$       | -        |          | Ш        | _  | <b>.</b>   | Н      | $\dashv$   | -        | 75       |          |               |          | -        | $\dashv$ | -        | -                                      | -            | 4        | <u> </u>    | 125        | Н |          | -        | _      |          | _        |          | _        | _        |
| $\vdash$  | 26       | -        | $\vdash$       | $\dashv$ |          | Н        | _  | _  | Н      |            | $\vdash$ | 76       | Н        |               | Н        | 4        | -        | $\dashv$ | -                                      | $\dashv$     | 4        | <u> </u>    | 126        | Н | $\dashv$ |          | _      |          | _        | _        |          | ᆜ        |
| -         | 27       | <u> </u> | Н              | $\dashv$ | _        | Н        |  | Ŀ  | Н      | -          | 1        | 77<br>78 | -        |               | -        |          |          | -        |  | -            | -        |             | 127        | Н | $\dashv$ | $\dashv$ | _      |          |          |          |          |          |
| $\vdash$  | 28<br>29 | ⊢        | $\vdash$       | $\dashv$ |          | Н        | ⊢  | H  | Н      | $\dashv$   | $\vdash$ | 79       | Н        |               | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$                               | $\dashv$     | $\dashv$ | <u> </u>    | 128<br>129 | Н | $\dashv$ | -        |        | _        |          | -        | _        | _        |
| $\vdash$  | 30       | -        | $\vdash$       | ᅪ        | -        | Н        | -  | ⊢  | Н      | $\dashv$   | -        | 80       | Н        |               | $\vdash$ | -        | $\dashv$ | $\dashv$ | ┥                                      | +            |          | <del></del> | 130        | Н | $\dashv$ | -        | _      |          | -        | $\dashv$ | _        | _        |
| $\vdash$  | 31       | ⊢        | Н              |          |          | Н        |  | ├  | Н      |            | -        | 81       | -        |               | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$                               | $\dashv$     | $\dashv$ | -           | 131        | Н | -        |          |        |          | -        |          | _        | _        |
| $\vdash$  | 32       | ⊢        | $\vdash$       | ┥        |          | Н        | -  | ├  | Н      |            |          | 82       | -        |               |          | -        | $\dashv$ | -        |  | +            | $\dashv$ | $\vdash$    | 132        | Н | $\vdash$ | $\dashv$ | _      |          | $\dashv$ | $\dashv$ |          |          |
| $\vdash$  | 33       | ├        | H              | +        | _        | Н        | $\vdash$   | ⊢  | Н      | $\dashv$   | -        | 83       | Н        |               | $\dashv$ | $\dashv$ | $\dashv$ | ╛        | $\dashv$                               | $\dashv$     | $\dashv$ |             | 133        | Н | $\vdash$ |          |        |          | $\dashv$ | $\dashv$ | -        | _        |
| -         | 34       | -        | <del>   </del> | +        |          | Н        | ┝  | ┢  | Н      |            |          | 84       | -        | _             | $\dashv$ | -        | $\dashv$ | $\dashv$ | ┪                                      | $\dashv$     | $\dashv$ | $\vdash$    | 134        | Н | $\vdash$ | ┪        | =      | _        | $\dashv$ | $\dashv$ |          | _        |
|           | 35       |          | $\vdash$       | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$   | ┰  | H      | $\dashv$   |          | 85       | Н        | _             | $\vdash$ | $\neg$   | $\dashv$ | $\dashv$ | ᅱ                                      | +            | $\dashv$ | $\vdash$    | 135        | Н | $\vdash$ | $\dashv$ | _      | _        | $\dashv$ | -        | -        | _        |
|           | 36       | _        | H              | $\dashv$ | $\dashv$ | Н        | -  | $\vdash$   | H      |            | -        | 86       | $\vdash$ | _             | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$                               | $\dashv$     | $\dashv$ |             | 136        | H | $\vdash$ | -        |        |          | $\dashv$ | -        | $\dashv$ | $\dashv$ |
|           | 37       | Н        | ┪              | -        |          | $\vdash$ | <del>                                     </del> | <del>                                     </del> | H      |            |          | 87       | ┰        |               |          | $\neg$   |          | +        | ᅥ                                      | $\dashv$     | $\dashv$ | <b></b>     | 137        | Н | $\vdash$ | $\dashv$ |        |          | $\dashv$ | $\dashv$ | $\dashv$ | _        |
| $\vdash$  | 38       | H        | H              | _        | $\neg$   | Н        | T  | Т  | Н      | $\dashv$   |          | 88       | Н        |               | $\vdash$ | $\dashv$ | $\dashv$ | +        | $\neg$                                 | $\dashv$     | $\dashv$ |             | 138        | H |          | $\dashv$ |        | _        | $\dashv$ | $\dashv$ | $\neg$   | _        |
|           | 39       | Т        | Ħ              | $\neg$   |          | П        | Г  | Г  | П      | $\dashv$   |          | 89       | П        |               | $\dashv$ | $\neg$   | $\neg$   | _        | 寸                                      | 7            | ヿ        |             | 139        | Н | $\Box$   | $\dashv$ | $\neg$ |          | $\dashv$ | $\dashv$ | $\neg$   | $\neg$   |
|           | 40       | Г        | П              | 寸        | $\neg$   | П        | T  | Г  | П      | $\neg$     |          | 90       | П        | $\overline{}$ | $\Box$   | $\neg$   | $\dashv$ | $\dashv$ | 一                                      | $\dashv$     | ヿ        |             | 140        | П | $\Box$   |          |        | $\sqcap$ |          | _        |          | $\neg$   |
|           | 41       |          | П              | $\neg$   |          | П        |  | Г  | П      | $\neg$     |          | 91       | П        |               | $\Box$   |          | $\neg$   |          | $\neg$                                 | $\dashv$     | ヿ        |             | 141        |   |          |          |        |          |          | 一        |          |          |
|           | 42       |          |                |          |          |          |  |  |        |            |          | 92       |          |               |          |          |          |          | 1                                      |              | J        |             | 142        |   |          |          |        |          |          |          |          | $\neg$   |
|           | 43       |          |                |          |          |          |  |  |        |            |          | 93       |          |               |          |          |          |          |  |              |          |             | 143        |   |          |          |        |          |          |          |          |          |
|           | 44       |          |                |          |          |          |  |  |        |            |          | 94       |          |               |          |          |          |          |  |              |          |             | 144        |   |          |          |        |          |          |          |          |          |
|           | 45       |          |                | $\Box$   |          |          |  |  |        |            |          | 95       |          |               |          |          |          |          |  |              |          |             | 145        |   |          |          |        |          |          |          |          |          |
|           | 46       |          |                |          |          |          |  |  |        |            |          | 96       |          |               |          |          |          |          |  |              |          |             | 146        |   |          |          |        |          |          | $\Box$   |          |          |
|           | 47       |          |                | $\Box$   |          |          |  |  |        |            |          | 97       |          |               |          |          |          |          |  |              |          |             | 147        |   |          |          |        |          |          | $\Box$   |          |          |
|           | 48       |          | Ш              | $\Box$   |          |          |  | 匚  |        | $\Box$     |          | 98       |          |               |          |          |          | $\Box$   |  | I            |          |             | 148        |   |          |          |        |          |          |          |          |          |
| $\square$ | 49       | _        | Ц              | _        |          | Щ        | _  |  | Ш      | $\dashv$   |          | 99       |          |               | Ш        | _]       | $\Box$   | $\perp$  |  |              | _        |             | 149        | Ш | $\Box$   |          |        |          |          | $\Box$   |          |          |
|           | 50       | <u> </u> | ].             |          |          |          |  | L  |        |            |          | 100      | Ш        |               |          |          |          |          |  |              |          | L           | 150        |   |          |          |        |          |          |          |          |          |